

ABSTRACT

A wireless local area network transceiver, an integrated circuit chip, a PLL (Phase Locked Loop) device and a method are provided that may reduce influences of switching noise. The frequency of an output signal of the PLL device is divided in a prescaler of the PLL device by a prescaler factor. The prescaler is operable in at least two modes with each mode having assigned a different prescaler factor. An accumulator is implemented in the PLL circuit for generating a mode switching signal for changing the mode of the prescaler. The generation of the mode switching signal is done by storing an accumulator value and processing a modulus function for updating the accumulator value. The provided technique may allow for reducing disturbances caused by switching the mode of the prescaler in the PLL circuit.